



Field Study Evaluation

Investigation

Fire Influence

Use the data sheets completed on the field study trip to answer the following questions. Indicate why you think fire might or might not have influenced the results.

1. Describe the soil pH level. _____

2. Describe the soil fertility level. _____

3. Describe any evidence of fire in the soil horizon. _____

4. Describe the turbidity level. _____

5. Describe the water pH level. _____

6. Describe the water temperature. _____

7. Describe the water oxygen content. _____

8. Describe any physical evidence (burned branches, etc.) observed. _____



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Fire Conditions

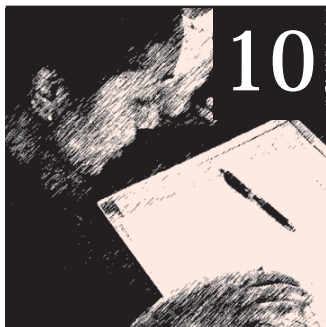
Use the data sheets completed on the field study trip to answer the following questions.

1. Describe the temperature, humidity level and overall weather conditions during the field study trip. _____

2. Describe the moisture content of the plant samples tested. _____

3. Describe the temperature and moisture level of the soil. _____

4. Based on your descriptions above, would you consider the conditions of the field study site to be "High Risk" for fire; "Moderate Risk" for fire; or "Low Risk" for fire? Explain. _____



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Mediterranean Biome

A. Use the data sheets completed on the field study trip to answer the following questions.

1. Describe the air temperature and overall climate of the area. _____

2. Describe the vegetation of the area. _____

3. Describe the soil of the area. _____

4. Based on your descriptions of the three factors above, how do they compare to the characteristics of a typical Southern California Mediterranean biome?

B. If available, download data gathered by students in other biomes and answer the question: How do the soil, vegetation, atmosphere, and hydrology data compare? _____
